

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1 (previously presented): A completion assembly deployed within a well bore, comprising:

- a base pipe having a sidewall with at least one hole through the sidewall;
- a filter surrounding at least a portion of the base pipe;
- a plurality of splines located between the base pipe and the filter; and
- a rod selectively insertable between adjacent splines, selectively covering the at least one hole.

Claim 2 (original): The completion assembly of claim 1 in which the number of holes per unit area of the sidewall varies along the length of the base pipe.

Claim 3 (original): The completion assembly of claim 2 wherein the number of holes per unit area of the sidewall, in conjunction with the placement of the rods, is chosen to produce a predetermined flow pattern for a predetermined well bore environment.

Claim 4 (original): The completion assembly of claim 1 in which size of the holes varies along the length of the base pipe

Claim 5 (original): The completion assembly of claim 4 wherein the sizes of the holes, in conjunction with the placement of the rods, are chosen to produce a predetermined flow pattern for a predetermined well bore environment.

Claim 6 (original): The completion assembly of claim 4 in which the number of holes per unit area of the sidewall varies along the length of the base pipe.

Claim 7 (original): The completion assembly of claim 6 wherein the number of holes per unit area of the sidewall and the sizes of the holes, in conjunction with the placement of the rods, are chosen to produce a predetermined flow pattern for a predetermined well bore environment.

Claim 8 (previously presented): The completion assembly of claim 1 wherein the rod is adjustably placed by an operator just prior to deployment of the completion assembly into the well bore.

Claim 9 (original): The completion assembly of claim 1 further comprising an erosion inhibitor.

Claim 10 (previously presented): A completion assembly deployed within a well bore, comprising:

a base pipe having a central cavity enclosed by a sidewall, the sidewall having a plurality of holes therethrough; and

a sleeve circumferentially adjacent and rotatably attached to the base pipe, the sleeve having at least one opening therethrough, wherein rotation of the sleeve relative to the base pipe aligns or misaligns the holes and the at least one opening, such that the completion assembly is adapted to vary fluid communication between the well bore and the central cavity.

Claim 11 (original): The completion assembly of claim 10 in which the number of holes per unit area of the sidewall varies along the length of the base pipe.

Claim 12 (original): The completion assembly of claim 10 in which size of the holes varies along the length of the base pipe.

Claim 13 (original): The completion assembly of claim 12 in which the number of holes per unit area of the sidewall varies along the length of the base pipe.

Claim 14 (original): The completion assembly of claim 10 further comprising an erosion inhibitor.

Claim 15 (previously presented): The completion assembly of claim 10 wherein rotation of the sleeve relative to the base pipe aligns or misaligns the plurality of holes and the at least one opening to vary the point of entry into the base pipe.

Claim 16 (original): The completion assembly of claim 10 further comprising a filter surrounding at least a portion of the base pipe.

Claim 17 (previously presented): The completion assembly of claim 10 wherein the at least one opening are longitudinal slots.

Claim 18 (original): The completion assembly of claim 10 wherein the sleeve is adjustably placed by an operator just prior to deployment of the completion assembly into the well bore.

Claim 19 (original): The completion assembly of claim 10 wherein the number of holes per unit area of the sidewall, in conjunction with the placement of the sleeve, is chosen to produce a predetermined flow pattern for a predetermined well bore environment.

Claim 20 (previously presented): A completion assembly deployed within a well bore, comprising:

a base pipe having a central cavity enclosed by a sidewall, the sidewall having a plurality of holes therethrough;

a sleeve circumferentially adjacent and rotatably attached to the base pipe, the sleeve having at least one opening therethrough, wherein rotation of the sleeve relative to the base pipe aligns or misaligns the holes and the at least one opening, such that the completion assembly is adapted to vary fluid communication between the well bore and the central cavity,

wherein the number of holes per unit area of the sidewall and the sizes of the holes, in conjunction with the placement of the sleeve, are chosen to produce a predetermined flow pattern for a predetermined well bore environment.

Claim 21 (currently amended): A method of controlling a production flow from a well bore, comprising:

covering at least one of a plurality of holes defined by a base pipe;
disposing the base pipe in the well bore adjacent a formation; and
flowing production fluid from the formation, through one or more uncovered holes, into the base pipe.

wherein covering the at least one of the plurality of holes further comprises inserting a rod between adjacent splines of the base pipe to cover the at least one hole.

Claim 22 (previously presented): A method, according to claim 21, wherein flowing production fluid further comprises filtering the production fluids before it enters the base pipe.

Claim 23 (previously presented): A method, according to claim 22, further comprising inhibiting erosion of a filter for filtering the production fluid.

Claim 24 (canceled).

Claim 25 (previously presented): A method, according to claim 21, further comprising inhibiting erosion of the base pipe adjacent at least one of the plurality of holes.

Claim 26 (previously presented): A method, according to claim 21, further comprising varying a size of the plurality of holes along a length of the base pipe.

Claim 27 (previously presented): A method, according to claim 21, further comprising varying a number of the plurality of holes per unit area of the base pipe along the length of the base pipe.

Claim 28 (previously presented): A method of controlling a production flow from a well bore, comprising:

rotating a sleeve with respect to a base pipe such that an alignment of at least one opening defined by the sleeve and a plurality of holes defined by the base pipe is adjusted;

disposing the base pipe and the sleeve in the well bore adjacent a formation; and flowing production fluid from the formation, through the aligned at least one opening and plurality of holes, into the base pipe.

Claim 29 (currently amended): A method, according to claim 28 24, wherein flowing production fluid further comprises filtering the production fluid before it enters the base pipe.

Claim 30 (previously presented): A method, according to claim 29, further comprising inhibiting erosion of a filter for filtering the production fluid.

Claim 31 (previously presented): A method, according to claim 28, wherein rotating the sleeve with respect to the base pipe further comprises changing a point of entry of the production fluids into the base pipe.

Claim 32 (previously presented): A method, according to claim 28, further comprising inhibiting erosion of the base pipe adjacent at least one of the plurality of holes.

Claim 33 (previously presented): A method, according to claim 28, further comprising varying a size of the plurality of holes along a length of the base pipe.

Claim 34 (previously presented): A method, according to claim 28, further comprising varying a number of the plurality of holes per unit area of the base pipe along the length of the base pipe.